

Application No. 10/520,037  
Amendment dated October 30, 2007  
Reply to Office Action of July 2, 2007

Docket No.: 19036/40139

**APPENDIX A**

2007年10月29日 13時46分

(仮) / (仮)

NO. 2145 E. 2

# International Cosmetic Ingredient Dictionary and Handbook

Eleventh Edition  
2006

Volume 2

INCI Name Monographs I-S

2007年10月29日 19時46分

(株)エビア

NO. 2145 P. 3

# International Cosmetic Ingredient Dictionary and Handbook

Eleventh Edition  
2006

**Editors**

Tara E. Gottschalck  
G. N. McEwen, Jr., Ph.D., J.D.

## Volume 2

*Published by*

The Cosmetic, Toiletry, and Fragrance Association  
1101 17th Street, NW, Suite 300  
Washington, D.C. 20036-4702

2007年10月29日 13時46分

(株) IBC

NO. 2145 P. 4

No portion of the *International Cosmetic Ingredient Dictionary and Handbook* may be reproduced in whole or in part in any form or by any electronic or mechanical means, including information storage and retrieval systems, without prior written permission from The Cosmetic, Toiletry, and Fragrance Association, Inc., 1101 17th Street, N.W., Suite 300, Washington, DC 20036-4702.

The *International Cosmetic Ingredient Dictionary and Handbook* contains information about ingredient labeling requirements in the United States, the European Union, and other countries. This information is based on publicly available information. While every effort was made to ensure its accuracy and timeliness, compliance with the laws and regulations of the United States, the European Union, or other countries is solely the responsibility of the user of the *Dictionary and Handbook*. CTFA cannot be held responsible for any specific or general use of the information in the *Dictionary and Handbook* and disclaims any liability arising from reliance thereon.

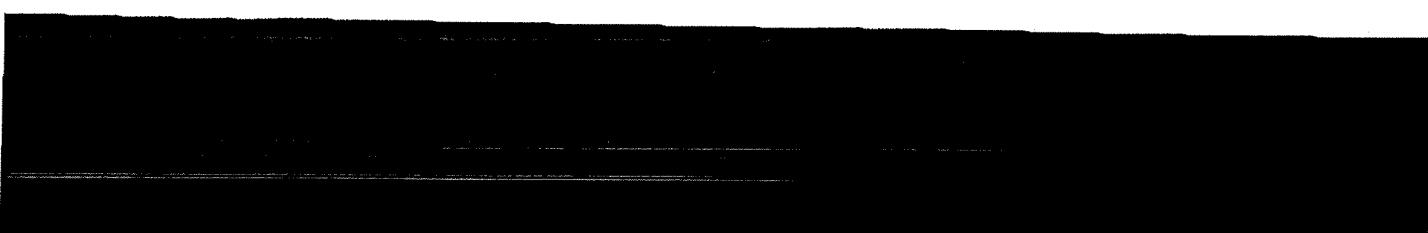
The INCI Names presented in the *International Cosmetic Ingredient Dictionary and Handbook* are the result of substantial efforts by CTFA Staff and a committee of experts from the industry and government. INCI Names are developed and assigned on the basis of rules developed by CTFA. The material as presented in this format is unique and found nowhere else. The compilation and arrangement of the information for convenient reference represents an extensive amount of staff resources, judgment, effort, and time, and contributes to the originality of the text. The *International Cosmetic Ingredient Dictionary and Handbook* is fully copyrighted and may not be copied by any means without the written permission of CTFA.

Concerning U.S. Patent and Trademark Rights: The inclusion in the *International Cosmetic Ingredient Dictionary and Handbook* of a monograph of any cosmetic ingredient, in respect to which patent or trademark rights may exist, shall not be deemed, and is not intended as, a grant of, or authority to exercise, any right or privilege protected by such patent or trademark. All such rights and privileges are vested in the patent or trademark owner, and no other person may exercise the same without express permission, authority, or license secured from such patent or trademark owner.

Copyright © 1973, 1977, 1982, 1985, 1991, 1993, 1995, 1997, 1999, 2001, 2003, 2005

The Cosmetic, Toiletry, and Fragrance Association, Inc.  
CTFA

All rights reserved.  
Library of Congress Catalog Card No. 2005921860  
ISBN 1-882621-36-0 (4-volume set)  
PRINTED IN THE UNITED STATES OF AMERICA



# Contents

## Volume 1 of 4

Foreword .....	v
Preface .....	vii
Acknowledgments .....	xi
Introduction	
A. Regulatory and Ingredient Use Information .....	xiii
B. Specific Disclaimers .....	xix
C. Labeling Reminders .....	xx
D. INCI Name Assignment Procedures .....	xxi
E. Ingredient Sources .....	xxi
F. Nomenclature Conventions .....	xxii
G. Abbreviations .....	xxii
H. Information Sources .....	xxii
I. INCI Name Changes and Deletions .....	xxvii
Section I Monographs (A through I) .....	1

2007年10月29日 13時47分

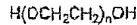
(株) /エビア

NO. 2145 P. 6 EG-55

Macrogol 1000 (NOF)  
 Pluracol E 1000 (BASF)  
 Polyglykol 1000 (Clariant)  
 Polyglykol 1000 (Clariant GmbH, Personal Care)  
 Renex PEG 1000 (Uniqema Americas)  
 Sabopeg 1000 (Sabo)  
 Toho PEG#1000 (Toho)  
 Unipeg-1000 X (Universal Preserv-A-Chem)  
 Upiwax 1000 (Universal Preserv-A-Chem)

**Trade Name Mixtures:**

Silwax VS (Siltech LLC)  
 Suncaps 664 (Particle Sciences)  
 Suncaps 903 (Particle Sciences)

**PEG-32****CTFA Monograph ID:** 1955**CAS No.:** 25322-68-3 (Generic)**JPN Translation:**  
PEG - 32**CN Translation:**  
聚乙二醇-32**Definition:** PEG-32 is the polymer of ethylene oxide that conforms generally to the formula:

where n has an average value of 32.

**Information Sources:** BAN, BP, BPC, 21CFR172.210, 21CFR172.770, 21CFR172.820, 21CFR173.310, 21CFR173.340, 21CFR176.105, 21CFR176.300, 21CFR178.3750, 21CFR178.3910, CIR: [SQ] JACT-12(5)-1993, CTFA S, CZE, FCC, HUN, INN, JAN, JCIC, JCL, JSQI, MAR, MI-13(7651), NF XVIII, TSCA, USAN, USD.**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Reported Product Categories:** Bath Oils, Tablets, and Salts; Moisturizing Preparations; Cleansing Products (Cold Creams, Cleansing Lotions, Liquids and Pads); Bath Capsules; Skin Care Preparations, Misc.; Dentifrices (Aerosol, Liquid, Pastes and Powders); Bath Preparations, Misc.; Body and Hand Preparations (Excluding Shaving Preparations); Face and Neck Preparations (Excluding Shaving Preparations); Paste Masks (Mud Packs); Mascara**Technical/Other Names:**

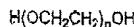
macrogol (INN)  
 Polyethylene Glycol 1540  
 Polyoxyethylene (32)

**Trade Names:**

Carbowax PEG 1450 (Dow Chemical)  
 Jeecchem 1450 NF (Jeelice Co. LTD)  
 Lipo Polyglycol 1500 (Lipo)  
 Lipo Polyglycol 3350 (Lipo)  
 Lipoxol 1500 MED (Sasol GmbH - Marl)  
 Lumulse PEG 1450 (Lambert)  
 Macrogol 1500 (NOF)  
 Macrogol 1540 (NOF)  
 Pluracare E 1500 (BASF)  
 Pluracol E 1450 (BASF)  
 Polyglycol E1450 (Dow Chemical)  
 Polyglykol 1500 (Clariant)  
 Polyglykol 1500 (Clariant GmbH, Personal Care)  
 Protachem 1450 NF (Protameen)  
 Renex PEG 1500 (Uniqema Americas)  
 Sabopeg 1500 (Sabo)  
 Sympatens-PEG/1500 G (Kolb)  
 Toho PEG#1540 (Toho)  
 Unipeg-1540 X (Universal Preserv-A-Chem)  
 Uniwax 1450 (Universal Preserv-A-Chem)

**CN Translation:**

聚乙二醇-40

**Definition:** PEG-40 is the polymer of ethylene oxide that conforms generally to the formula:

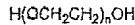
where n has an average value of 40.

**Information Sources:** BAN, 21CFR172.210, 21CFR172.770, 21CFR172.820, 21CFR173.310, 21CFR173.340, 21CFR176.105, 21CFR175.300, 21CFR176.200, 21CFR178.3750, 21CFR178.3910, INN, JAN, JCIC, JCL, MI-13(7651), NF XVIII, ROM, TSCA, USAN**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

macrogol (INN)  
 Polyethylene Glycol (2000)  
 Polyoxyethylene (40)

**Trade Names:**

Pluracol E 2000 (BASF)  
 Polyglykol 2000 (Clariant)  
 Polyglykol 2000 (Clariant GmbH, Personal Care)

**PEG-33****CTFA Monograph ID:** 17410**Definition:** PEG-33 is the polymer of ethylene oxide that conforms generally to the formula:

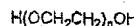
where n has an average value of 33.

**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

Polyethylene Glycol (33)  
 Polyoxyethylene (33)

**Trade Name Mixtures:**

SilSense Copolyol-1 Silicone (Noveon)  
 SilSense Copolyol-7 Silicone (Noveon)

**PEG-45****CTFA Monograph ID:** 11904**CAS No.:** 25322-68-3 (Generic)**Definition:** PEG-45 is the polymer of ethylene oxide that conforms generally to the formula:

where n has an average value of 45.

**Information Source:** INN**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

macrogol (INN)  
 Polyethylene Glycol (45)  
 Polyoxyethylene (45)

**Trade Name:**  
Toho PEG#2000 (Toho)**PEG-40****CTFA Monograph ID:** 1955**CAS No.:** 25322-68-3 (Generic)**JPN Translation:**  
PEG - 40**PEG-55****CTFA Monograph ID:** 7532

The inclusion of any compound in the Dictionary and Handbook does not indicate that use of that substance as a cosmetic ingredient complies with the laws and regulations governing such use in the United States or any other country.

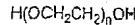
2007年10月29日13時47分 (株)エビア

NO. 2145 P. 7

CAS No.: 25322-68-3 (Generic)

CN Translation:  
聚乙二醇-55

Definition: PEG-55 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 55.

Information Sources: BAN, INN, JAN, NF XVIII, USAN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol (55)

Polyoxyethylene (55)

Trade Names:

Jeschem 3350 NF (Jellice Co. LTD)  
Renex PEG 3350 (Uniqema Americas)

PEG-60

CTFA Monograph ID: 5425

CAS No.: 25322-68-3 (Generic)

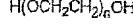
JPN Translation:

PEG - 6 0

CN Translation:

聚乙二醇-60

Definition: PEG-60 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 60.

Information Sources: BAN, INN, JAN, NF XVIII (7651), USAN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol 3000

Polyoxyethylene (60)

Trade Names:

Polyglykol 3000 (Clariant)  
Polyglykol 3000 (Clariant GmbH, Personal Care)

PEG-75

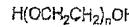
CTFA Monograph ID: 1957

The inclusion of any compound in the *Dictionary and Handbook* does not indicate that use of that substance as a cosmetic ingredient complies with the laws and regulations governing such use in the United States or any other country.

CAS No.: 25322-68-3 (Generic)

JPN Translation:  
PEG - 7 5

Definition: PEG-75 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 75.

Information Sources: BAN, BP, BPC, BRA, 21CFR172.210, 21CFR172.770, 21CFR172.820, 21CFR173.310, 21CFR173.340, 21CFR175.105, 21CFR175.300, 21CFR178.3750, 21CFR178.3910, CIR: [SQ] JACT-12(6)-1993, CTFA S, FCC, HUN, INN, JAN, JCLS, JSCI, MAR, MI-13(7651), NF XVIII, NFJ, PN, POL, ROM, TSCA, USAN, USD

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Reported Product Categories: Skin Care Preparations, Misc., Paste Masks (Mud Packs); Bath Oils, Tablets, and Salts; Cleansing Products (Cold Creams, Cleansing Lotions, Liquids and Pads); Moisturizing Preparations

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol 4000

Polyoxyethylene (75)

Trade Names:

Carbowax PEG 3350 (Dow Chemical)  
Lipoxol 3350 MED (Sasol GmbH - Marl)  
Lumulse PEG 3350 (Lambent)  
Pluracare E 3400 (BASF)  
Pluracol E 4000 (BASF)  
Polyglykol 3350 (Clariant)  
Polyglykol 3350 (Clariant GmbH, Personal Care)  
Protachem 75 (Protameen)  
Renex PEG 4000 (Uniqema Americas)  
Sabopieg 4000 (Sabo)  
Sympatens-PEG/4000 G (Kolb)  
Uipiawax 3350 (Universal Preserv-A-Chem)

Trade Name Mixture:

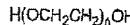
Suncaps C (Particle Sciences)

PEG-80

CTFA Monograph ID: 16469

CAS No.: 25322-68-3 (Generic)

Definition: PEG-80 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 80.

Information Source: INN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol (80)

Polyethylene Glycol 4000

Polyoxyethylene (80)

Trade Name:  
Protachem 400 (Protameen)

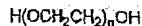
PEG-90

CTFA Monograph ID: 6966

CAS No.: 25322-68-3

JPN Translation:  
PEG - 9 0CN Translation:  
聚乙二醇-90

Definition: PEG-90 is the polymer of ethylene oxide that conforms to the formula:



where n has an average value of 90.

Information Sources: BAN, INN, JAN, NF XVIII, USAN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol (90)

Polyoxyethylene (90)

Trade Names:

Lipoxol 4000 MED (Sasol GmbH - Marl)  
Macrogol 4000 (NOF)  
Pluracare E 4000 (BASF)  
Polyglycol E-4000 (Dow Chemical)  
Polyglykol 4000 (Clariant)  
Polyglykol 4000 (Clariant GmbH, Personal Care)  
Toho PEG #4000 (Toho)  
Unipeg-4000 X (Universal Preserv-A-Chem)

PEG-100

CTFA Monograph ID: 4098

CAS No.: 25322-68-3 (Generic)